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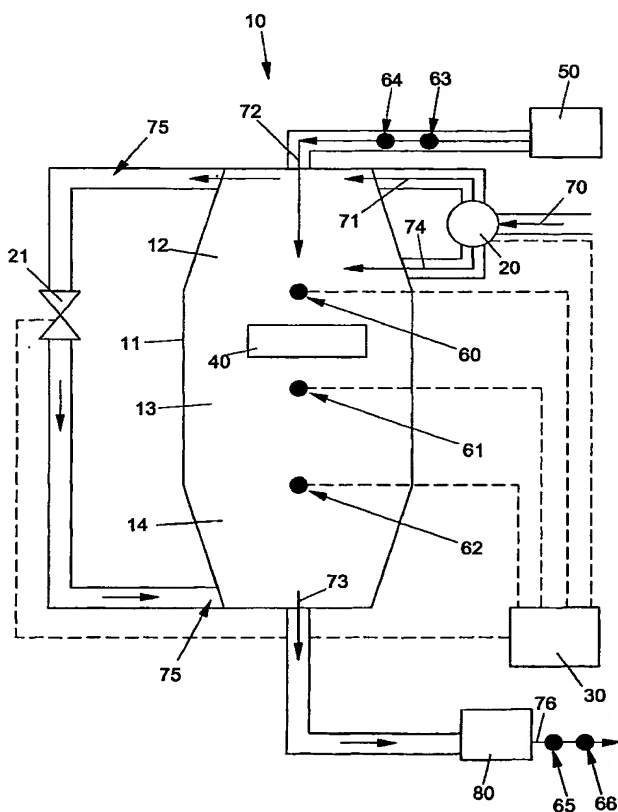
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(54) Title: CONTROL SYSTEM OF AN INTERNAL COMBUSTION ENGINE



(57) Abstract: Control and regulation system of a combustion unit (10) of the type comprising a combustion chamber (11) and a catalyst (40), the control and regulation system comprising: - an acquisition device of signals proportional to functioning parameters characteristic of the functioning state of the combustion unit (10), an electronic data processing unit (30) connected to the signal acquisition device from which it receives signals, a control and regulation program associated with said electronic data processing unit (30), a first fuel distribution valve (20), a second air distribution valve (21), a data base associated with said electronic data processing unit (30), the electronic data processing unit (30) receives signals from the signal acquisition device, processes them and regulates the opening of the first valve (20) and second valve (21) to minimize the polluting emissions of CO and NOx of the combustion unit (10).

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